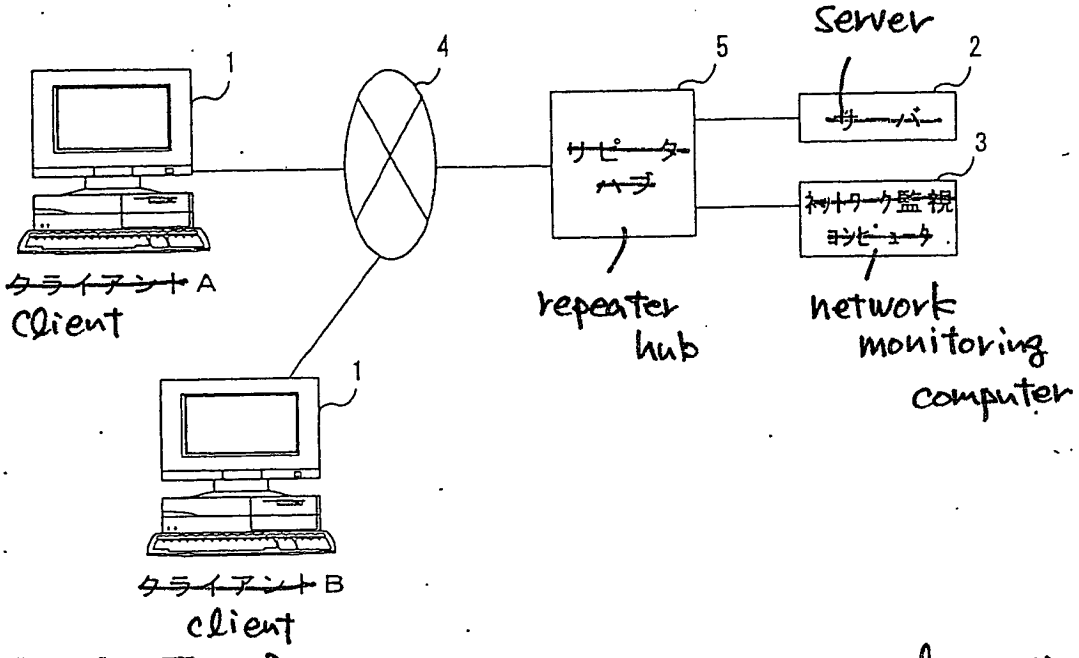
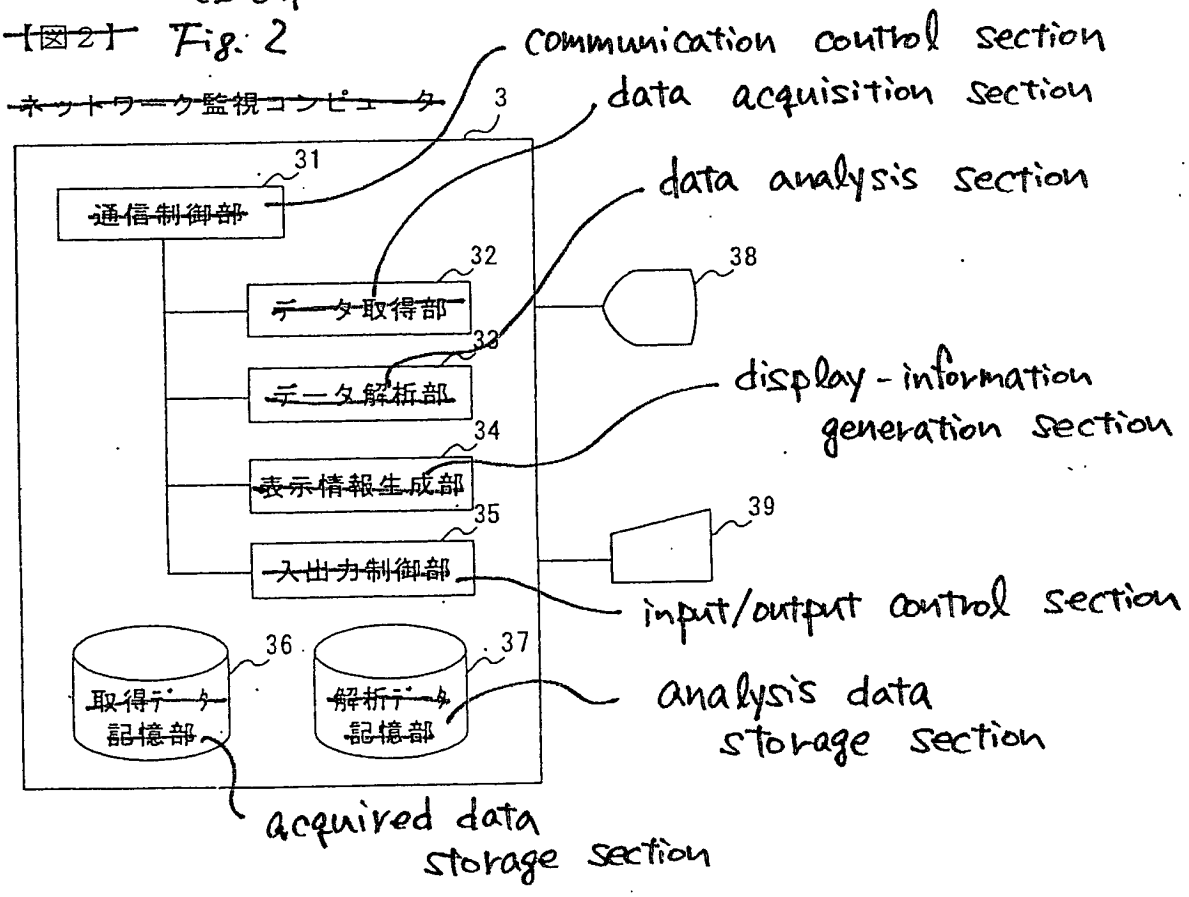
【書類名】 図面

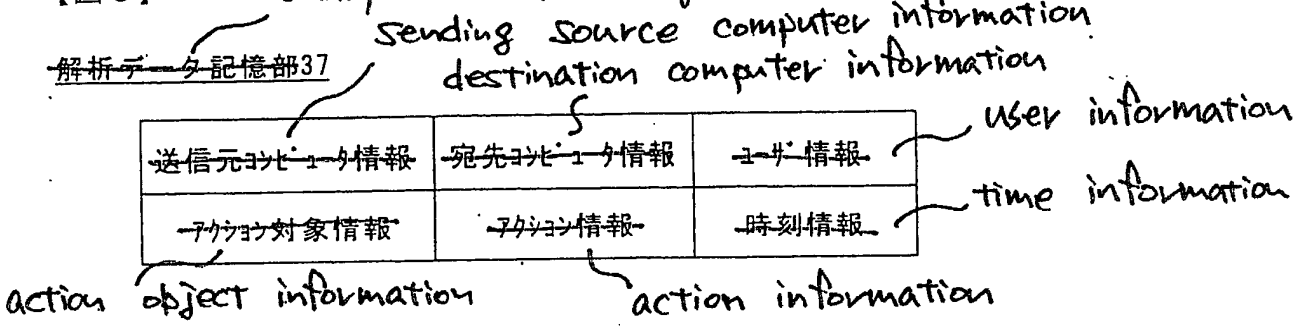
【図1】 Fig. 1



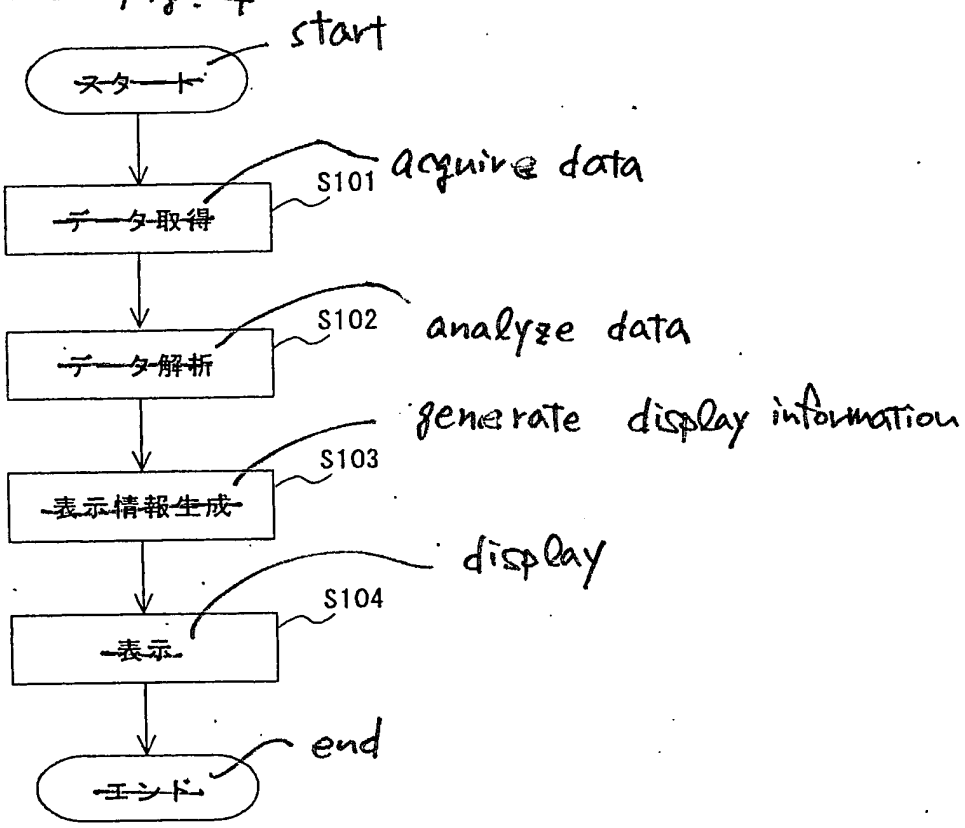
【図2】 Fig. 2



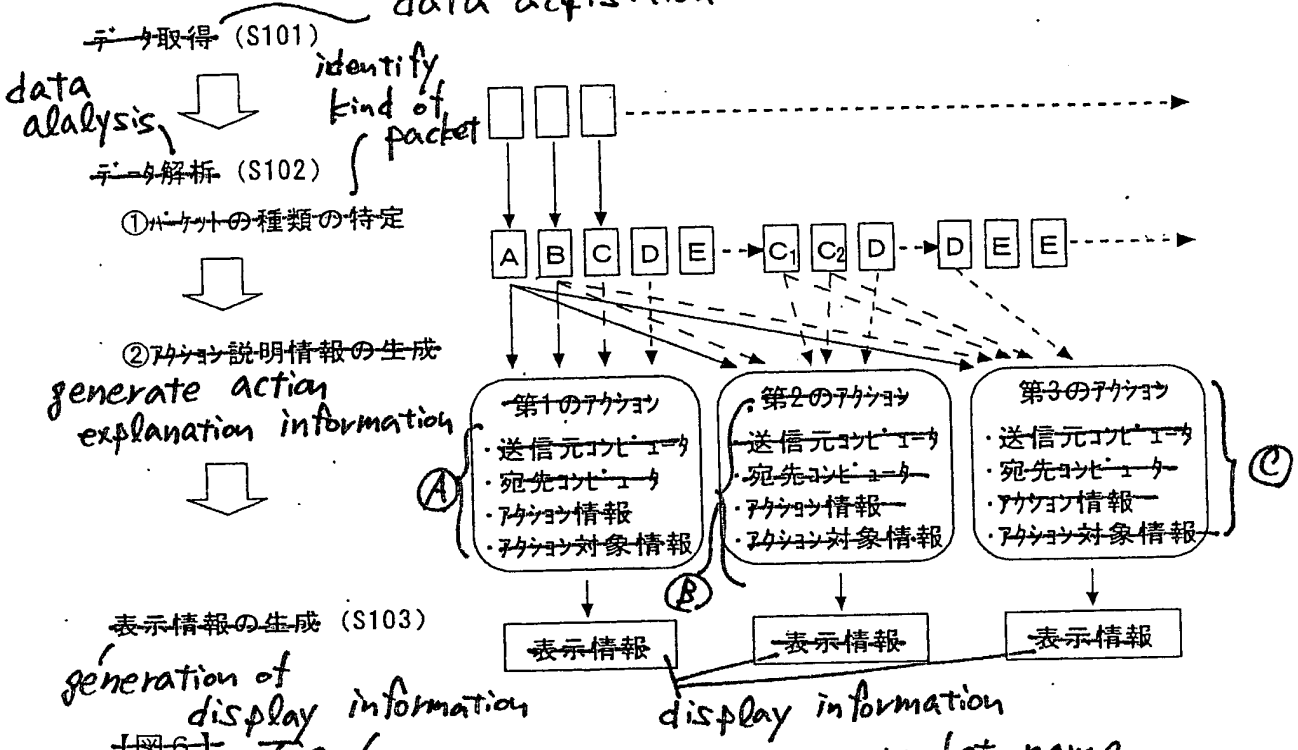
【図3】 Fig.3



【図4】 Fig.4



【図５】 Fig. 5



【図６】 Fig. 6

パケットの種類 ～ kinds of packets

種類	パケット名称	含まれる情報
A	connection packet 接続パケット	送信元コンピュータ情報 sending source computer information 宛先コンピュータ情報 destination computer information
B	authentication packet 認証パケット	ユーザ情報 user information
C	対象指定パケット	action object information アクション対象情報
D	command packet 命令パケット	action information アクション情報
E	data packet データパケット	データ data

kind

packet name

included information

object specification packet

Fig. 5

(A)

first action

- SENDING SOURCE COMPUTER
- DESTINATION COMPUTER
- ACTION INFORMATION
- ACTION OBJECT INFORMATION

(B)

SECOND ACTION

- SENDING SOURCE COMPUTER
- DESTINATION COMPUTER
- ACTION INFORMATION
- ACTION OBJECT INFORMATION

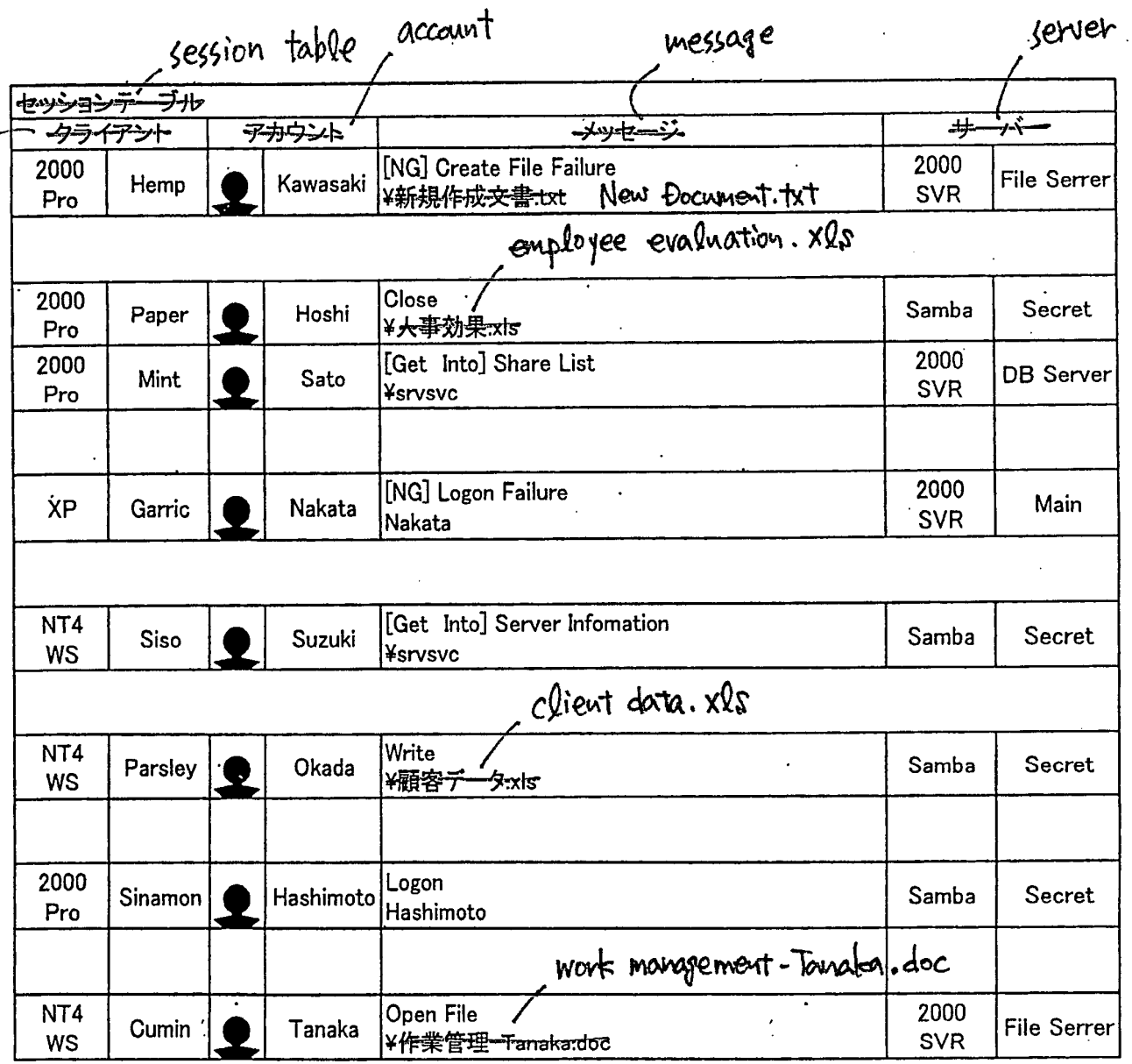
(C)

THIRD ACTION

- SENDING SOURCE COMPUTER
- DESTINATION COMPUTER
- ACTION INFORMATION
- ACTION OBJECT INFORMATION

Fig. 7

【図7】



セッションテーブル						
クライアント		アカウント		メッセージ	サーバー	
2000 Pro	Hemp		Kawasaki	[NG] Create File Failure ¥新規作成文書.txt New Document.txt	2000 SVR	File Serrer
2000 Pro	Paper		Hoshi	Close ¥大事効果.xls	Samba	Secret
2000 Pro	Mint		Sato	[Get Into] Share List ¥srvsvc	2000 SVR	DB Server
XP	Garric		Nakata	[NG] Logon Failure Nakata	2000 SVR	Main
NT4 WS	Siso		Suzuki	[Get Into] Server Infomation ¥srvsvc	Samba	Secret
NT4 WS	Parsley		Okada	Write ¥顧客データ.xls	Samba	Secret
2000 Pro	Sinamon		Hashimoto	Logon Hashimoto	Samba	Secret
NT4 WS	Cumin		Tanaka	Open File ¥作業管理-Tanaka.doc	2000 SVR	File Serrer

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【図8】

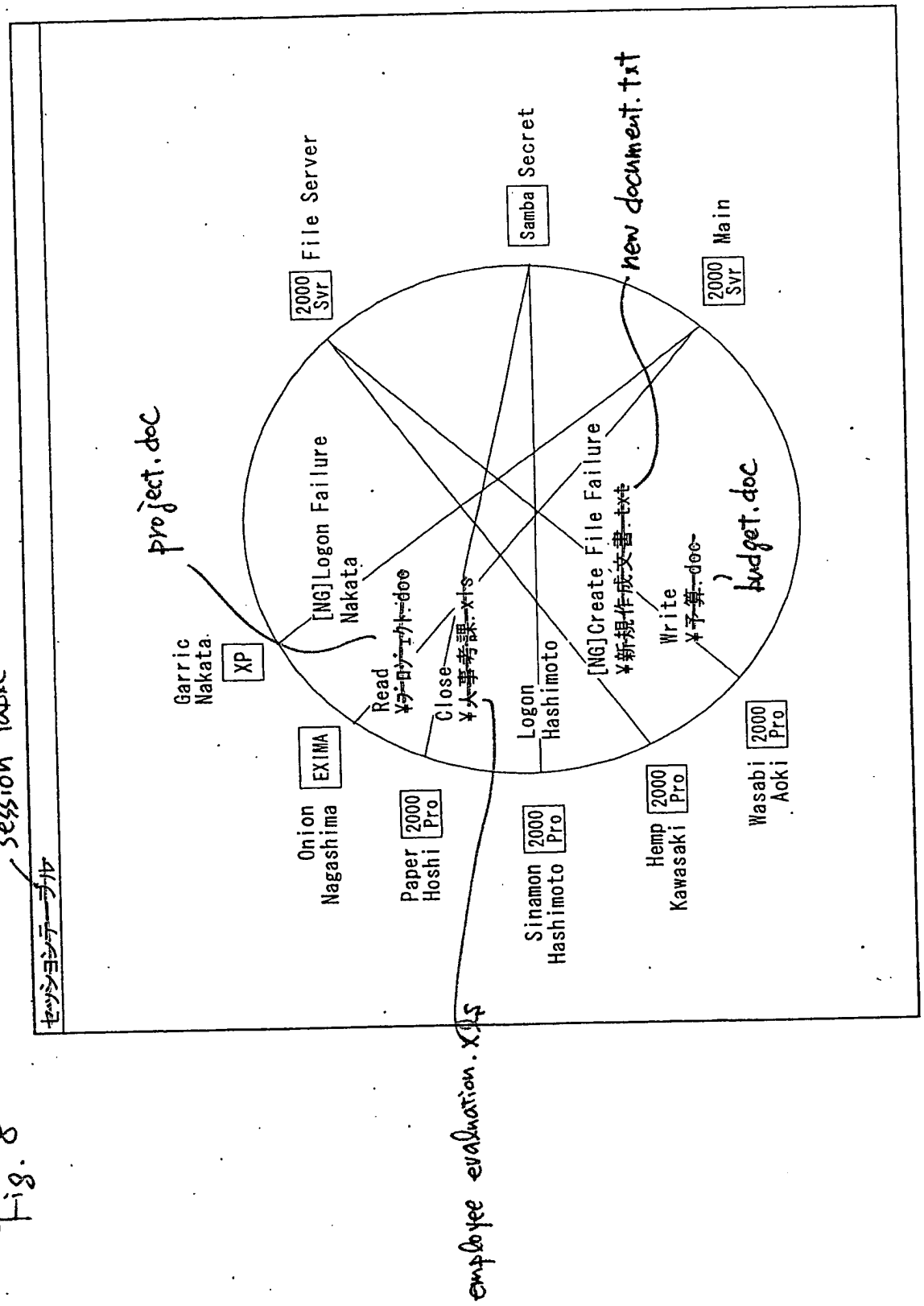
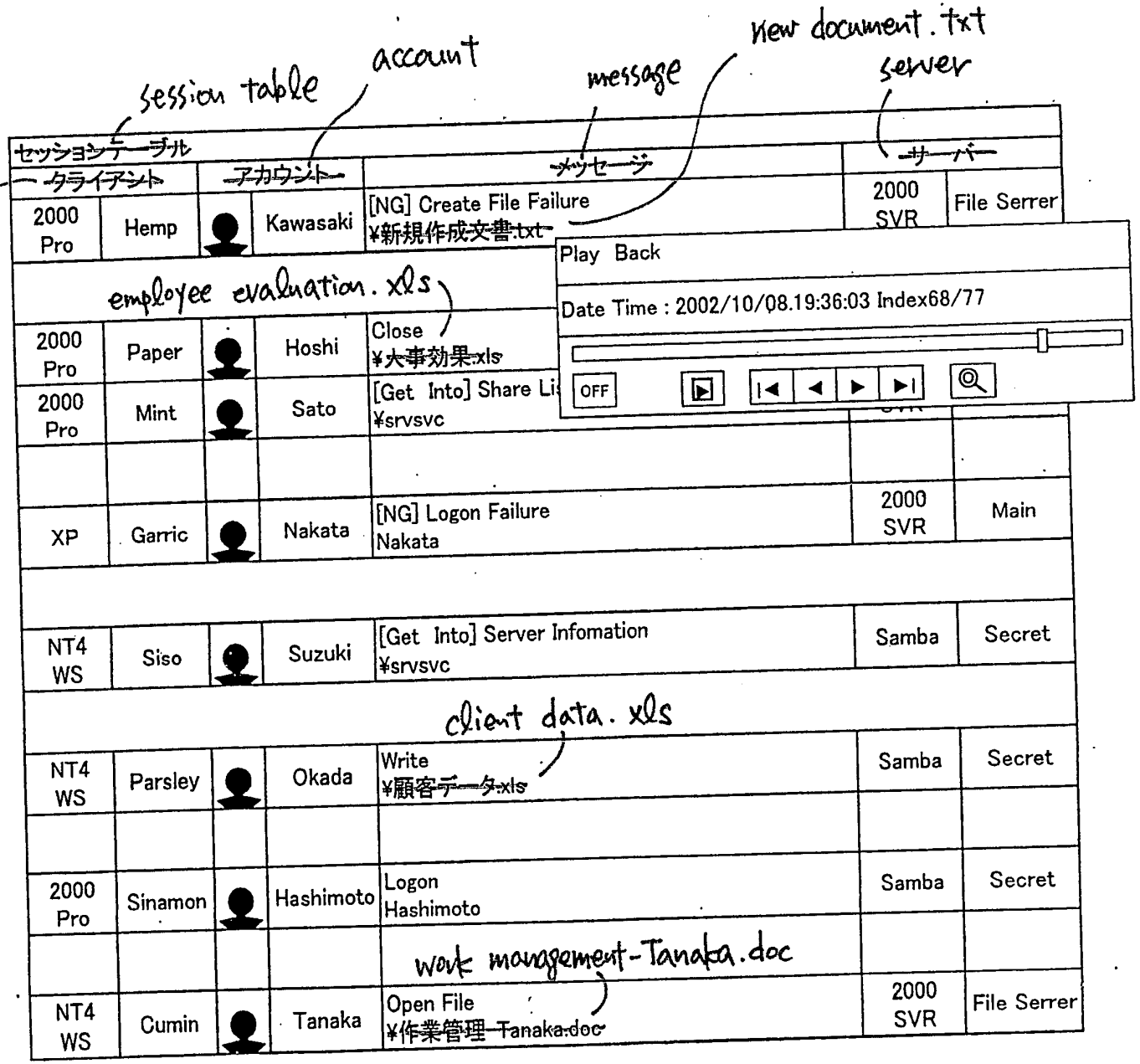

セッションテーブル
session table
File Server
2000 Svr
Samba
Secret
new document.txt
2000 Svr
Main
project.doc
Garric
Nakata
XP
[NG]Logon Failure
Nakata
Read
¥プロジェクト.doc
Close
¥人事考課.xls
Logon
Hashimoto
[NG]Create File Failure
¥新規作成文書.txt
Write
¥予算.doc
budget.doc
Onion
Nagashima
EXIMA
Paper
Hoshi
2000 Pro
Sinamon
Hashimoto
2000 Pro
Hemp
Kawasaki
2000 Pro
Wasabi
Aoki
2000 Pro
employee evaluation.xls

Fig. 8

Fig. 9



セッションテーブル						
クライアント			アカウント	メッセージ	サーバー	
2000 Pro	Hemp		Kawasaki	[NG] Create File Failure ¥新規作成文書.txt	2000 SVR	File Serrer
2000 Pro	Paper		Hoshi	Close ¥大事効果.xls		
2000 Pro	Mint		Sato	[Get Into] Share Li ¥srvsvc		
XP	Garric		Nakata	[NG] Logon Failure Nakata	2000 SVR	Main
NT4 WS	Siso		Suzuki	[Get Into] Server Infomation ¥srvsvc	Samba	Secret
NT4 WS	Parsley		Okada	Write ¥顧客データ.xls	Samba	Secret
2000 Pro	Sinamon		Hashimoto	Logon Hashimoto	Samba	Secret
NT4 WS	Cumin		Tanaka	Open File ¥作業管理_Tanaka.doc	2000 SVR	File Serrer

【図9】
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提出日 平成14年10月15日
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【図10】

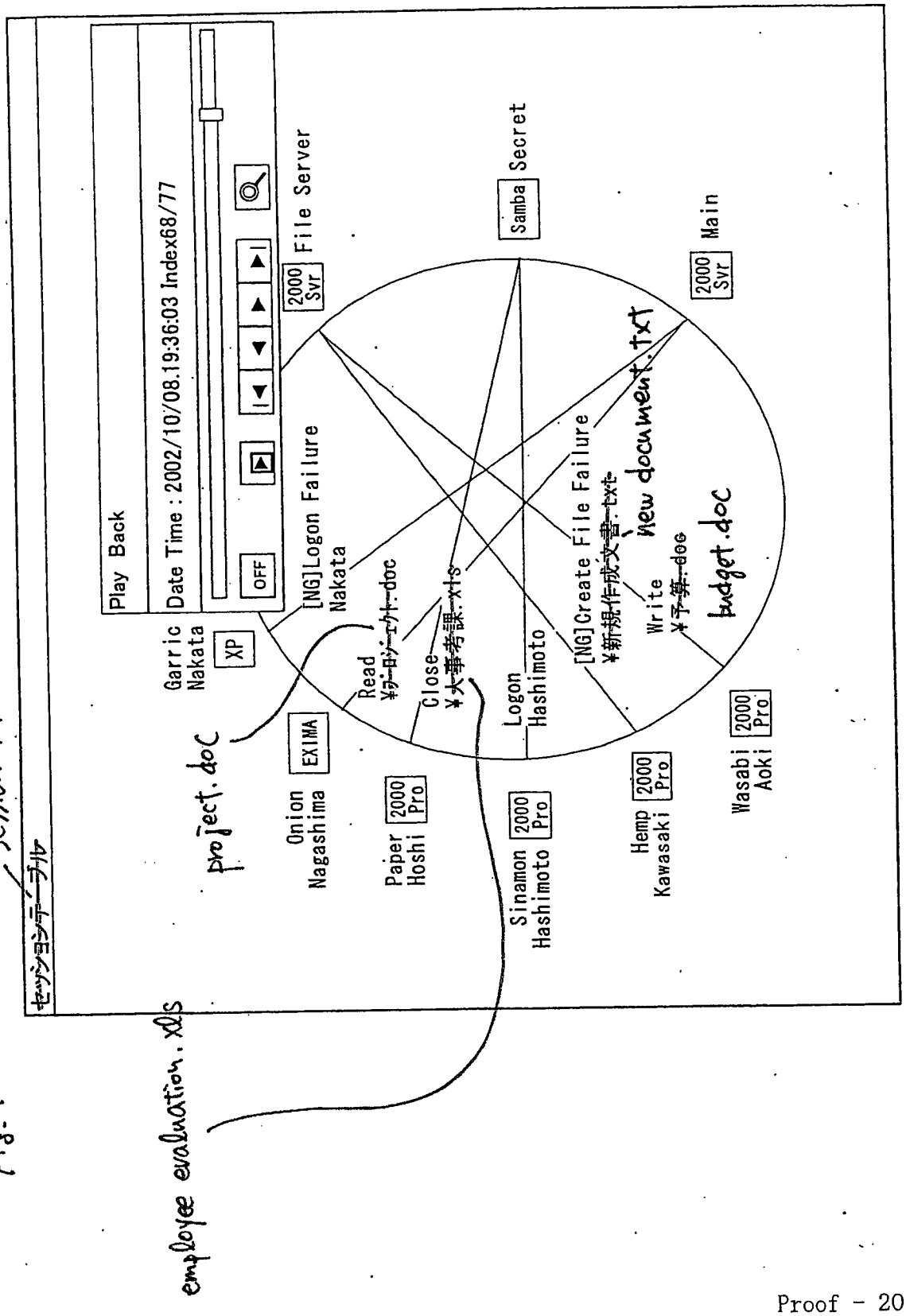
Session table
セッションテーブル
Play Back
Date Time : 2002/10/08.19:36:03 Index68/77
OFF
Garric Nakata
XP
project.doc
employee evaluation.xls
Onion Nagashima
EXIMA
Paper Hoshi
2000 Pro
Sinamon Hashimoto
2000 Pro
Hemp Kawasaki
2000 Pro
Wasabi Aoki
2000 Pro
[NG]Logon Failure
Nakata
Read
¥プロジェクト.doc
Close
¥人事考課.xls
Logon
Hashimoto
2000 Svr
File Server
Samba
Secret
[NG]Create File Failure
¥新規作成文書.txt
Write
¥予算.doc
new document.txt
budget.doc
2000 Svr
Main

Fig. 10

Fig. 11

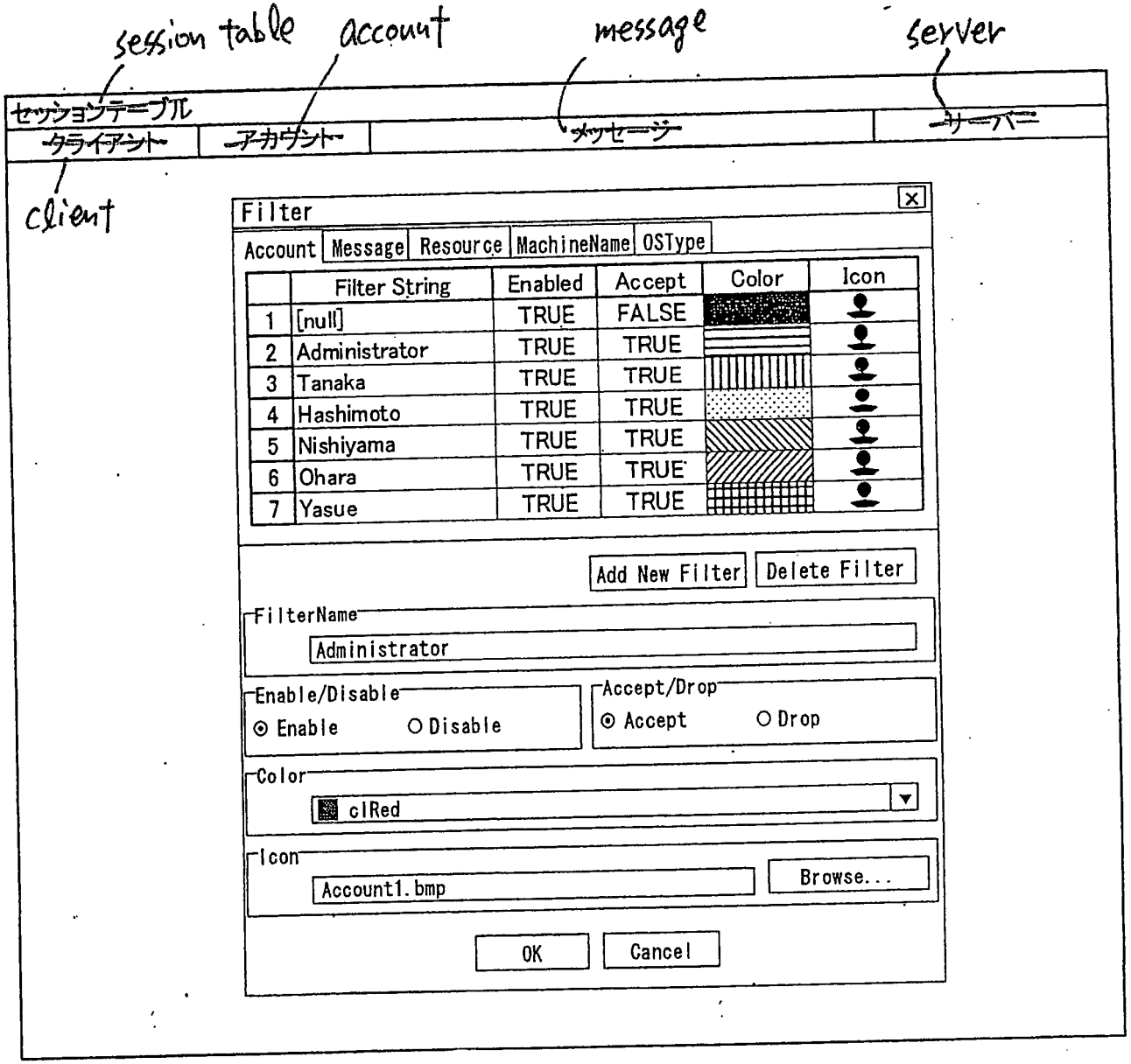

図11

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Fig. 12 Prior Art

Packet number	Sending source destination	Content of packet
1	C → S	Session start request (packet includes sending source computer information and destination computer information)
2	S → C	Response to session start request
3	C → S	Authentication request (1) (packet includes user information)
4	S → C	Authentication request (1) request client to send authentication information
5	C → S	Authentication request (2) send authentication information
6	S → C	Authentication request (2) send back authentication result
7	C → S	Connection request to shared folder
8	S → C	Response to connection request to shared folder
9~18	C ↔ S	Acquire information of root directory of shared folder (file list and file attribute of each file)
19	C → S	Repeat request and response
20	S → C	Open request of action object file (packet includes object file name)
21	C → S	Response to open request of action object file Acquisition request of file storage area information
22	S → C	Response to acquisition request of file storage area information
23	C → S	Writing request into file (start writing into object file)
24~33	C → S	Send data written into file
34	S → C	Response to writing request into file (send back result of writing into file)
35	C → S	Close request of file
36	S → C	Response to close request of file